

**CONTRACT FOR PROFESSIONAL SERVICES
2013 PAVEMENT CONDITION SURVEY
OF THE CITY OF DURHAM STREET SYSTEM**

This contract is made and entered into as of the _____ day of _____, 20____, by the City of Durham ("City") and Transmap Corporation ("Consultant"), a professional association organized and existing under the laws of North Carolina.

Sec. 1. Background and Purpose. The last pavement condition survey of the City streets was completed in 2007. The repaving of the City streets that was performed beginning in 2007 through 2012 addressed all of the streets that were rated in 2007 as being in "Very Poor" or "Poor".

During the period of time since 2007 the streets that were previously rated as "Fair", "Good" or "Very Good" have experienced additional wear and natural deterioration; they have not received any attention because the focus has been to pave the worst streets first. Since the repaving projects have cleared the backlog of "poor" streets this is the ideal time to re-survey the pavement condition of the City streets in order to develop strategies for pavement preservation that will prolong the life of street surface.

The proposed "Pavement Condition Survey of the City of Durham Street System" will provide a Pavement Condition Index (PCI) on a scale from 1-100 for every street and alley in the City network. This methodology, fully described in standards published by the American Society for Testing and Materials (ASTM Standard D6433-11), is widely used across the country and is based on industry standard methods developed in partnership between the Federal Highway Administration (FHWA), Federal Aviation Administration (FAA) and the American Public Works Association (APWA).

There is an array of pavement preservation technologies such as micro-surfacing, slurry sealing, pavement rejuvenation, and crack sealing which are less expensive than repaving and serve to prolong the life of the pavement before repaving and/or reconstruction is required. The choice about which of these technologies is most appropriate on any given street is dependent on its condition. The PCI study by nature of the protocol employed will provide the City with specific recommendations for which pavement preservation technology is most appropriate on a street-by-street basis.

The deliverables from the project will include a five-year plan for the application of the low cost pavement preservation technologies on the City Streets where appropriate based on their PCI ratings. It will also identify those streets, if any, for which pavement preservation is not applicable and re-paving or reconstruction is necessary. These plans are key not only to providing the Public Works Department with an indication of the funding necessary to maintain the streets in good condition, but also as a foundation for the annual work plan in the prioritization of the work to be performed.

As mentioned in the executive summary, the scope of services for this project includes not only the data collection and evaluation of the pavement condition of the streets and alleys, but also an evaluation of the condition of the sidewalks and curb-ramps. The principal means by which the data are collected for the PCI survey is through a series of photographs collected continuously along the streets by a sophisticated van. The photographs span the entire width of the street and include the pavement, curb and gutter, shoulder, sidewalk and the right-of-way

Sec. 2. Services and Scope to be Performed. The Consultant shall provide professional services for a field survey of the pavement condition on all of the City streets following the ASTM Standard D6433-11 "Standard Practice for Road and Parking Lots Pavement Condition Index (PCI) Surveys", and associated tasks. The detailed scope of services is described in Attachment "A" to this contract. In this contract, "Work" means the services that the Consultant is required to perform pursuant to this contract and all of the Consultant's duties to the City that arise out of this contract.

Sec. 3. Complete Work without Extra Cost. Except to the extent otherwise specifically stated in this contract, the Consultant shall obtain and provide, without additional cost to the City, all labor, materials, equipment, transportation, facilities, services, permits, and licenses necessary to perform the Work.

Sec. 4. Compensation. The City shall pay the Consultant an amount not to exceed \$283,247.84 for the Work and can be paid monthly over the life of the contract. The City shall not be obligated to pay

the Consultant any payments, fees, expenses, or compensation other than those authorized by this section.

Sec. 5. Consultant's Billings to City. The Consultant shall send invoices to the City on a monthly basis for the amounts to be paid pursuant to this contract. Each invoice shall document, to the reasonable satisfaction of the City: such information as may be reasonably requested by the City. Within twenty days after the City receives an invoice, the City shall send the Consultant a check in payment for all undisputed amounts contained in the invoice.

Sec. 6. Insurance. Contractor shall purchase and maintain insurance coverage for not less than the following:

Commercial General Liability, covering:

- Premises/operations
- Products/completed operations (two years minimum, from project completion)
- Broad form property damage
- Contractual liability
- Independent contractors, if any are used in the performance of this contract
- City of Durham must be named additional insured, and an original of the endorsement to effect the coverage must be attached to the certificate (if by blanket endorsement, then agent may so indicate in the GL section of the certificate, in lieu of an original endorsement)
- Combined single limit not less than \$2,000,000 per occurrence, with an annual aggregate on not less than \$4,000,000.

Commercial Auto Liability, covering:

- Symbol 1, all vehicles
- Combined single limit of \$2,000,000
- City of Durham must be named additional insured

Professional Liability, covering:

- Covering claims arising out of professional advisement / consultation services performed in connection with this contract
- Combined single limit not less than \$1,000,000 per occurrence; if coverage is only available on claims made basis, then additional coverage requirements may apply, subject to review of City Finance Director

Workers' Compensation Insurance, covering:

- Statutory benefits;
- Covering employees; covering owners partners, officers, and relatives (who work on this contract) (this must be stated on the certificate)
- Employers' liability, \$1,000,000
- Waiver of subrogation in favor of the City of Durham

Insurance shall be provided by:

Companies authorized to do business in the State of North Carolina
Companies with Best rating of A-, VII or better.

Insurance shall be evidenced by a certificate:

Providing notice to the City of not less than 30 days prior to cancellation or reduction of coverage

Certificates shall be addressed to:

City of Durham,
Public Works Department
101 City Hall Plaza
Durham, NC 27701
Attention: Michael Hughes, PE

The insurance certificate and the additional insured endorsement must be originals and must be approved by the City's Finance Director before Contractor can begin any work under this contract

Sec. 7. Performance of Work by City. If the Consultant fails to perform the Work in accordance with the schedule referred to in section 2 above, the City may, in its discretion, in order to bring the project closer to the schedule, perform or cause to be performed some or all of the Work, and doing so shall not waive any of the City's rights and remedies. Before doing so, the City shall give the Consultant notice of its intention. The Consultant shall reimburse the City for additional costs incurred by the City in exercising its right to perform or cause to be performed some or all of the Work pursuant to this section.

Sec. 8. Exhibits. There are no exhibits attached to this contract.

In case of conflict between an exhibit and the text of this contract excluding the exhibit, the text of this contract shall control.

Sec. 9. Termination for Convenience ("TFC"). (a) *Procedure*. Without limiting any party's right to terminate for breach, the City may, without cause, and in its discretion, terminate this contract for convenience by giving the Consultant written notice that refers to this section. TFC shall be effective at the time indicated in the notice. The City Manager may terminate under this section without City Council action. (b) *Obligations*. Upon TFC, all obligations that are still executory on both sides are discharged except that any right based on prior breach or performance survives, and the indemnification provisions and the section of this contract titled Trade Secrets and Confidentiality shall remain in force. At the time of TFC or as soon afterwards as is practical, the Consultant shall give the City all Work, including partly completed Work. In case of TFC, the Consultant shall follow the City's instructions as to which subcontracts to terminate. (c) *Payment*. The City shall pay the Consultant an equitable amount for the costs and charges that accrue because of the City's decisions with respect to the subcontracts, but excluding profit for the Consultant. Within 20 days after TFC, the City shall pay the Consultant a one hundred dollar TFC fee and for all Work performed except to the extent previously paid for. Work shall be paid for in accordance with the method (unit prices, hourly fees, etc.) to be used for payment had the Work been completed except to the extent it would be inequitable to either party, and if Work was to be paid for on a lump-sum basis, the City shall pay the part of the lump sum that reflects the percentage of completion attained for that Work. The Consultant shall not be entitled to any payment except as stated in this section because of TFC, whether on the basis of overhead, profit, damages, other economic loss, or otherwise.

Sec. 10. Notice. (a) All notices and other communications required or permitted by this contract shall be in writing and shall be given either by personal delivery, fax, or certified United States mail, return receipt requested, addressed as follows:

To the City:

Michael Hughes, PE
City of Durham Public Works Department
101 City Hall Plaza, 3rd Floor
Durham, NC 27701

To the Consultant:

Transmap Corporation
3366 Riverside Drive – Suite 103
Upper Arlington, Ohio 43221

(b) Change of Address. Date Notice Deemed Given. A change of address, fax number, or person to receive notice may be made by either party by notice given to the other party. Any notice or other communication under this contract shall be deemed given at the time of actual delivery, if it is personally delivered or sent by fax. If the notice or other communication is sent by United States mail, it shall be deemed given upon the third calendar day following the day on which such notice or other communication is deposited with the United States Postal Service or upon actual delivery, whichever first occurs.

Sec. 11. Trade Secrets and Confidentiality. The request for proposals section titled "Trade Secrets and Confidentiality" shall apply to any Trade Secrets disclosed to the City during the process leading to the parties' entering into this Contract (including all of the Consultant's responses to the RFP). This section shall remain in force despite termination of this contract (whether by expiration of the term or otherwise) and termination of the services of the Consultant under this contract. The word "Proposer" used in that section shall mean the "Consultant." Sec. 12. Indemnification. (a) To the maximum extent allowed by law, the Consultant shall defend, indemnify, and save harmless Indemnitees from and against all Charges that arise in any manner from, in connection with, or out of this contract as a result of acts or omissions of the Consultant or subcontractors or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable. In performing its duties under this subsection "a," the Consultant shall at its sole expense defend Indemnitees with legal counsel reasonably acceptable to City. (b) Definitions. As used in subsections "a" above and "c" below -- "Charges" means claims, judgments, costs, damages, losses, demands, liabilities, duties, obligations, fines, penalties, royalties, settlements, and expenses (included without limitation within "Charges" are (1) interest and reasonable attorneys' fees assessed as part of any such item, and (2) amounts for alleged violations of sedimentation pollution, erosion control, pollution, or other environmental laws, regulations, ordinances, rules, or orders -- including but not limited to any such alleged violation that arises out of the handling, transportation, deposit, or delivery of the items that are the subject of this contract). "Indemnitees" means City and its officers, officials, independent contractors, agents, and employees, excluding the Consultant (c) Other Provisions Separate. Nothing in this section shall affect any warranties in favor of the City that are otherwise provided in or arise out of this contract. This section is in addition to and shall be construed separately from any other indemnification provisions that may be in this contract. (d) Survival. This section shall remain in force despite termination of this contract (whether by expiration of the term or otherwise) and termination of the services of the Consultant under this contract. (e) Limitations of the Consultant's Obligation. If this section is in, or is in connection with, a contract relative to the design, planning, construction, alteration, repair or maintenance of a building, structure, highway, road, appurtenance or appliance, including moving, demolition and excavating connected therewith, then subsection "a" above shall not require the Consultant to indemnify or hold harmless Indemnitees against liability for damages arising out of bodily injury to persons or damage to property proximately caused by or resulting from the negligence, in whole or in part, of Indemnitees.

Sec. 13. Miscellaneous

(a) Choice of Law and Forum. This contract shall be deemed made in Durham County, North Carolina. This contract shall be governed by and construed in accordance with the law of North Carolina. The exclusive forum and venue for all actions arising out of this contract shall be the North Carolina General Court of Justice, in Durham County. Such actions shall neither be commenced in nor removed to federal court. This section shall not apply to subsequent actions to enforce a judgment entered in actions heard pursuant to this section.

(b) Waiver. No action or failure to act by the City shall constitute a waiver of any of its rights or remedies that arise out of this contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach thereunder, except as may be specifically agreed in writing.

(c) Performance of Government Functions. Nothing contained in this contract shall be deemed or construed so as to in any way estop, limit, or impair the City from exercising or performing any regulatory, policing, legislative, governmental, or other powers or functions.

(d) Severability. If any provision of this contract shall be unenforceable, the remainder of this contract shall be enforceable to the extent permitted by law.

(e) Assignment, Successors and Assigns. Without the City's written consent, the Consultant shall not assign (which includes to delegate) any of its rights (including the right to payment) or duties that arise out of this contract. The City Manager may consent to an assignment without action by the City Council. Unless the City otherwise agrees in writing, the Consultant and all assignees shall be subject to all of the City's defenses and shall be liable for all

of the Consultant's duties that arise out of this contract and all of the City's claims that arise out of this contract. Without granting the Consultant the right to assign, it is agreed that the duties of the Consultant that arise out of this contract shall be binding upon it and its heirs, personal representatives, successors, and assigns.

(f) Compliance with Law. In performing all of the Work, the Consultant shall comply with all applicable law.

(g) City Policy. THE CITY OPPOSES DISCRIMINATION ON THE BASIS OF RACE AND SEX AND URGES ALL OF ITS CONSULTANTS TO PROVIDE A FAIR OPPORTUNITY FOR MINORITIES AND WOMEN TO PARTICIPATE IN THEIR WORK FORCE AND AS SUBCONTRACTORS AND VENDORS UNDER CITY CONTRACTS.

(h) EEO Provisions. During the performance of this Contract the Consultant agrees as follows: (1) The Consultant shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, political affiliation or belief, age, or handicap. The Consultant shall take affirmative action to insure that applicants are employed and that employees are treated equally during employment, without regard to race, color, religion, sex, national origin, political affiliation or belief, age, or handicap. Such action shall include but not be limited to the following: employment, upgrading, demotion, transfer, recruitment or advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The Consultant shall post in conspicuous places, available to employees and applicants for employment, notices setting forth these EEO provisions. (2) The Consultant shall in all solicitations or advertisement for employees placed by or on behalf of the Consultant, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, political affiliation or belief, age, or handicap. (3) The Consultant shall send a copy of the EEO provisions to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding. (4) In the event of the Consultant's noncompliance with these EEO provisions, the City may cancel, terminate, or suspend this contract, in whole or in part, and the City may declare the Consultant ineligible for further City contracts. (5) Unless exempted by the City Council of the City of Durham, the Consultant shall include these EEO provisions in every purchase order for goods to be used in performing this contract and in every subcontract related to this contract so that these EEO provisions will be binding upon such subcontractors and vendors.

(i) SDBE. The Consultant shall comply with all applicable provisions of Chapter 26 of the Durham City Code (Equal Business Opportunities Ordinance), as amended from time to time. The failure of the Consultant to comply with that chapter shall be a material breach of contract which may result in the rescission or termination of this contract and/or other appropriate remedies in accordance with the provisions of that chapter, this contract, and State law. The Participation Plan submitted in accordance with that chapter is binding on the Consultant. Section 26-10(f) of that chapter provides, in part, "If the City Manager determines that the Consultant has failed to comply with the provisions of the Contract, the City Manager shall notify the Consultant in writing of the deficiencies. The Consultant shall have 14 days, or such time as specified in the Contract, to cure the deficiencies or establish that there are no deficiencies." It is stipulated and agreed that those two quoted sentences apply only to the Consultant's alleged violations of its obligations under Chapter 26 and not to the Consultant's alleged violations of other obligations.

(j) Prompt Payment to Subcontractors. Within 7 days of receipt by the Consultant of each payment from the City under this contract, the Consultant shall pay all subcontractors (which term includes subcontractors and suppliers) based on work completed or service provided under the subcontract. Should any payment to the subcontractor be delayed by more than 7 days after receipt of payment by the Consultant from the City under this contract, the Consultant shall pay the subcontractor interest, beginning on the 8th day, at the rate of 1% per month or fraction thereof on such unpaid balance as may be due. By appropriate litigation, Subcontractors shall

have the right to enforce this subsection (a) directly against the Consultant, but not against the City of Durham. If the City's Project Manager determines that it is appropriate to enforce this subsection (a), the City of Durham may withhold the sums estimated by the Project Manager to be sufficient to pay this interest from progress or final payments to the Consultant. (b) Nothing in this section shall prevent the Consultant at the time of invoicing, application, and certification to the City from withholding invoicing, application, and certification to the City for payment to the subcontractor for unsatisfactory job progress; defective goods, services, or construction not remedied; disputed work; third-party claims filed or reasonable evidence that such a claim will be filed; failure of the subcontractor to make timely payments for labor, equipment, and materials; damage to the Consultant or another subcontractor; reasonable evidence that the subcontract cannot be completed for the unpaid balance of the subcontract sum; or a reasonable amount for retainage not to exceed 5%. (c) The City's Project Manager may require, as a prerequisite to making progress or final payments, that the Consultant provide statements from any subcontractors designated by the Project Manager regarding the status of their accounts with the Consultant. The statements shall be in such format as the Project Manager reasonably requires, including notarization if so specified.

(k) No Third Party Rights Created. This contract is intended for the benefit of the City and the Consultant and not any other person.

(l) Principles of Interpretation and Definitions. In this contract, unless the context requires otherwise: (1) The singular includes the plural and the plural the singular. The pronouns "it" and "its" include the masculine and feminine. References to statutes or regulations include all statutory or regulatory provisions consolidating, amending, or replacing the statute or regulation. References to contracts and agreements shall be deemed to include all amendments to them. The words "include," "including," etc. mean include, including, etc. without limitation. (2) References to a "Section" or "section" shall mean a section of this contract. (3) "Contract" and "Agreement," whether or not capitalized, refer to this instrument. (4) Titles of sections, paragraphs, and articles are for convenience only, and shall not be construed to affect the meaning of this contract. (5) "Duties" includes obligations. (6) The word "person" includes natural persons, firms, companies, associations, partnerships, trusts, corporations, governmental agencies and units, and other legal entities. (7) The word "shall" is mandatory. (8) The word "day" means calendar day.

(m) Modifications. Entire Agreement. A modification of this contract is not valid unless signed by both parties and otherwise in accordance with requirements of law. Further, a modification is not enforceable against the City unless the City Manager or a deputy or assistant City Manager signs it for the City. This contract contains the entire agreement between the parties pertaining to the subject matter of this contract. With respect to that subject matter, there are no promises, agreements, conditions, inducements, warranties, or understandings, written or oral, expressed or implied, between the parties, other than as set forth or referenced in this contract.

IN WITNESS WHEREOF, the City and the Consultant have caused this contract to be executed under seal themselves or by their respective duly authorized agents or officers.

ATTEST:

CITY OF DURHAM

_____ By: _____

Pre-audit certificate, if applicable _____

ATTEST:

Transmap Corporation

Secretary

President

(Affix Corporate Seal)

State of _____

ACKNOWLEDGEMENT BY CORPORATION

County of _____

I, a notary public in and for the aforesaid county and state, certify that _____ personally appeared before me this day and stated that he or she is _____ Secretary of _____, a corporation, and that by authority duly given and as the act of the corporation, the foregoing contract or agreement with the City of Durham was signed in its name by its _____ President, whose name is _____, sealed with its corporate seal, and attested by him/herself as its Secretary or Assistant Secretary. This the _____ day of _____, 20____.

My commission expires:

Notary Public